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25X

9 May 1965

CHEPELEVKA AIRFIELD

USSR

1. [redacted] 25X

2. KH: THE MAIN CONCRETE RUNWAY AT CHEPELEVKA MEASURES 11,600 X 250 FT. OTHER FACILITIES LOCATED AT THE BASE INCLUDE [redacted] 25X [redacted] AN ASM STORAGE FACILITY, AND A SPECIAL 25X WEAPONS STORAGE SITE.

3. [redacted] REVEALED THE FIRST SIGHTING OF A LARGE AIR- 25X CRAFT AT KIYEV/SVYATOSHINO AIRFIELD, WHICH IS THE FLYAWAY AND TEST FIELD FOR AIRCRAFT ASSEMBLY PLANT 473 AND THE ANTONOV AIRCRAFT DESIGN BUREAU. THE AIRCRAFT APPEARED CONVENTIONAL IN CONFIGURATION WITH A HIGH STRAIGHT WING AND A SINGLE TAIL. APPROXIMATE DIMENSIONS WERE: WINGSPAN 225 FEET, OVERALL FUSELAGE LENGTH 180 FEET.

4. AN FTD ANALYSIS HAS ESTIMATED THAT THIS AIRCRAFT CAN BE EXPECTED TO HAVE CHARACTERISTICS AND PERFORMANCE APPROXIMATING THE FOLLOWING:

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(A) GROSS WEIGHT 385,000 LBS. (B) NORMAL PAYLOAD 50,000 LBS. (C) MAXIMUM PAYLOAD 100,000 LBS. (D) RANGE 6.5 THOUSAND NM WITH NORMAL PAYLOAD. (E) 3 THOUSAND NM WITH MAXIMUM PAYLOAD. (F) CRUISE SPEED OF 400 KNOTS.

IN ADDITION, PRELIMINARY ANALYSIS INDICATED THAT THE DESIGN AND DEVELOPMENT WORK ON THIS AIRCRAFT WAS INITIATED IN 1960. THE GENERAL IMPRESSION FROM PLAN VIEW IS THAT THE AIRCRAFT IS OF ANTONOV DESIGN SINCE IT RESEMBLES THE AN-10 AND AN-12 CONFIGURATIONS.

5.

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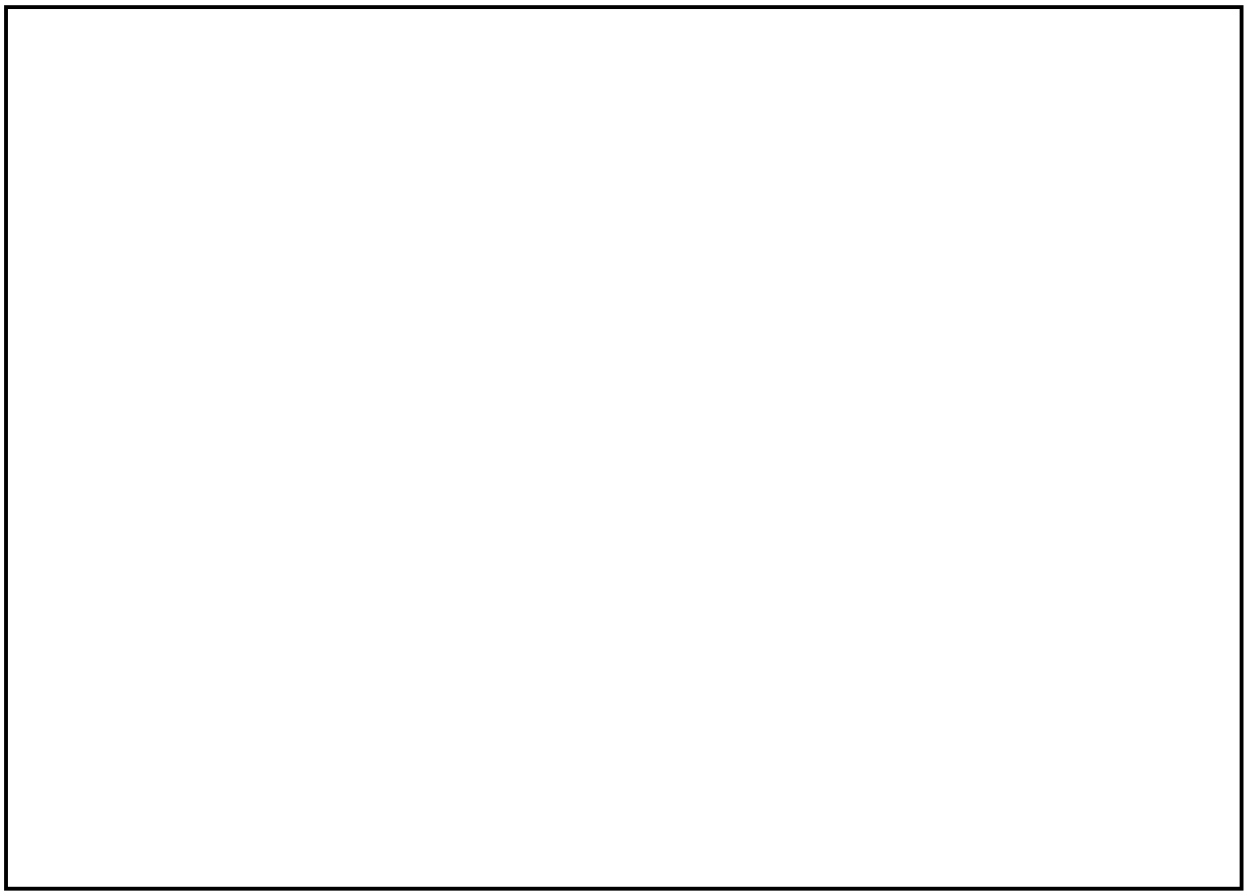

8. [redacted] FIRST REPORTED A HEAVY TRANSPORT-TYPE AIRCRAFT AT CHEPELEVKA AIRFIELD. THE DIMENSIONS ACQUIRED AT THAT TIME WERE: WING SPAN 215 FT (PLUS OR MINUS 10), FUSELAGE LENGTH 180 FT (PLUS OR MINUS 5), AND THE FUSELAGE WIDTH 20 FT (PLUS OR MINUS 2). 25X

9. THIS MISSION REVEALS THAT THE FOLLOWING AIRCRAFT ARE OBSERVED AT THIS FIELD: 1 HEAVY TRANSPORT-TYPE (PROBABLY DESIGNATED AN-22), 39 BEAR,

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[redacted]

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3 CAT/CUB, 2 CAB AND 1 COLT. A TOTAL OF 31 KANGAROO AIR-TO-SURFACE MISSILES WERE OBSERVED (24 IN THE LOADING AREA AND 7 IN THE ASM STORAGE FACILITY -- NOT SHOWN ON GRAPHIC).

DIMENSIONS OF THE HEAVY TRANSPORT-TYPE AIRCRAFT AS MEASURED ON THIS MISSION ARE: WING SPAN [redacted] LENGTH 170 FT AND FUSELAGE [redacted]

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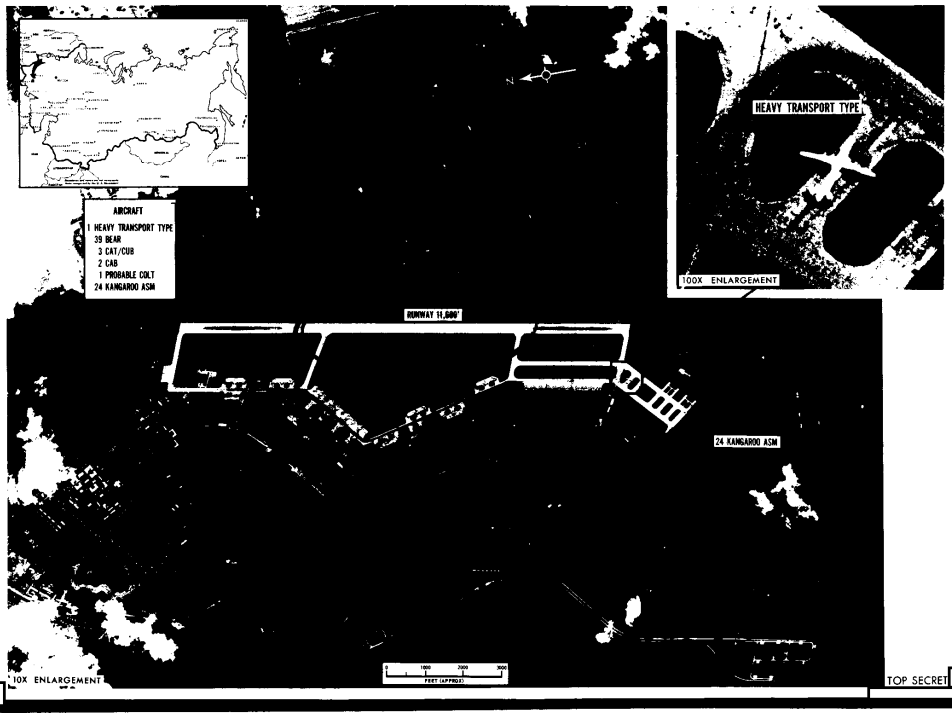
NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

CHEPELEVKA AIRFIELD

USSR

49-47N 30-26E



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